

Title (en)
APPARATUS FOR DEBURRING AND TRIMMING THE EDGES OF SLAB-SHAPED OBJECTS

Title (de)
VORRICHTUNG ZUM ENTGRATEN UND BESCHNEIDEN DER KANTEN VON PLATTENFÖRMIGEN GEGENSTÄNDEN

Title (fr)
APPAREIL POUR L'ÉBAVURAGE ET L'ÉGOUTTAGE DES BORDS D'OBJETS EN FORME DE DALLE

Publication
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Application
EP 21217821 A 20211227

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Abstract (en)
An apparatus (1) for deburring and trimming the edges of slab-shaped products (6) comprises a portal-shaped structure (2) arranged astride a conveying line (5) for conveying said products (6), said portal-shaped structure (2) comprising a pair of uprights (3) arranged on sides opposite the conveying line (5) and a crosspiece (4) that connects together the uprights (3) and is arranged above the conveying line (5) in a direction that is perpendicular to an advancement direction (F) of said products (6) on said conveying line (5). The apparatus (1) further comprises a first deburring and trimming tool (16), driven by a first motor (15) supported on a first support structure (7) that can be moved along said crosspiece (4) by a second motor (9), and a second deburring and trimming tool (31), driven by a third motor (30) supported on a second support structure (8) that can be moved along said crosspiece (4) by a fourth motor (10). The first support structure (7) comprises a first part (7a), intended to abut on a first longitudinal edge (18) of a product (6), and a second part (7b) that supports said first motor (15), wherein said first part (7a) and said second part (7b) are connected together in an adjustable manner, and the second support structure (8) comprises a first part (8a), intended to abut on a second longitudinal edge (29) of a product (6) opposite said first longitudinal edge (18), and a second part (8b) that supports said third motor (30), wherein said first part (8a) and said second part (8b) are connected together in an adjustable manner. A tool (54) for an apparatus (1) for deburring and trimming the edges of slab-shaped products (6) comprises a first fixed part (56) and a second movable part (57) that can be moved in a direction parallel to a rotation axis (55) of the tool (54) so as to vary a distance (H) between said first fixed part (56) and said second movable part (57) between a set minimum value and a set maximum value.

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Citation (search report)
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